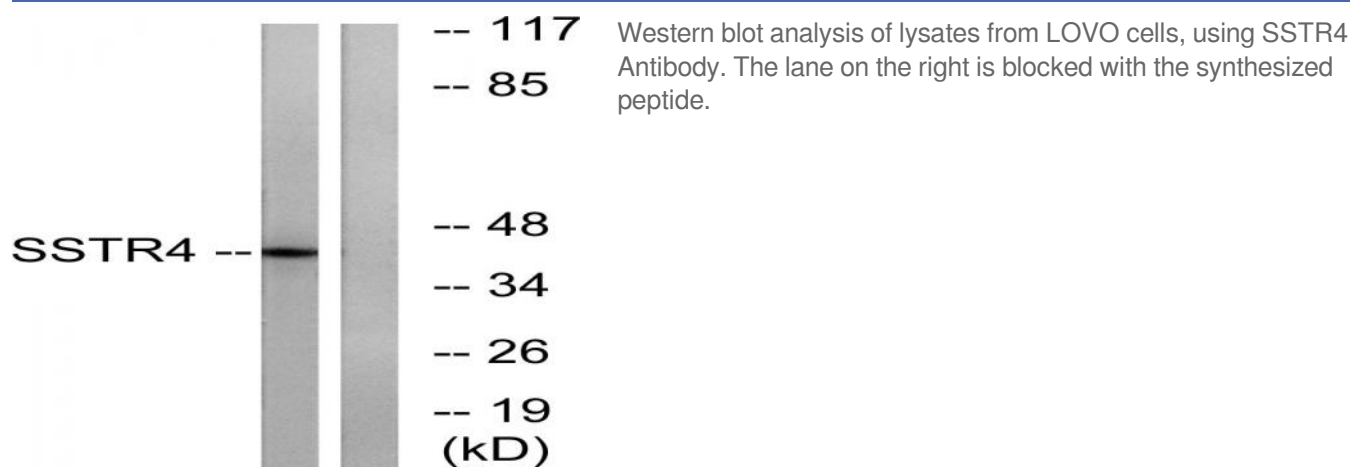


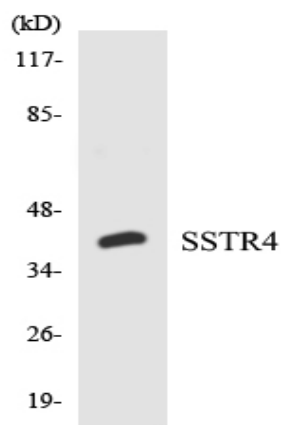
## SSTR4 Polyclonal Antibody

<b>Catalog No :</b>	YT4430
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	SSTR4
<b>Fields :</b>	>>Neuroactive ligand-receptor interaction
<b>Gene Name :</b>	SSTR4
<b>Protein Name :</b>	Somatostatin receptor type 4
<b>Human Gene Id :</b>	6754
<b>Human Swiss Prot No :</b>	P31391
<b>Mouse Swiss Prot No :</b>	P49660
<b>Rat Gene Id :</b>	25555
<b>Rat Swiss Prot No :</b>	P30937
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human SSTR4. AA range:155-204
<b>Specificity :</b>	SSTR4 Polyclonal Antibody detects endogenous levels of SSTR4 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	42kD
<b>Cell Pathway :</b>	Neuroactive ligand-receptor interaction;
<b>Background :</b>	Somatostatin acts at many sites to inhibit the release of many hormones and other secretory proteins. The biologic effects of somatostatin are probably mediated by a family of G protein-coupled receptors that are expressed in a tissue-specific manner. SSTR4 is a member of the superfamily of receptors having seven transmembrane segments and is expressed in highest levels in fetal and adult brain and lung. [provided by RefSeq, Jul 2008],
<b>Function :</b>	function:Receptor for somatostatin-14. The activity of this receptor is mediated by G proteins which inhibits adenylyl cyclase. It is functionally coupled not only to inhibition of adenylate cyclase, but also to activation of both arachidonate release and mitogen-activated protein (MAP) kinase cascade. Mediates antiproliferative action of somatostatin in tumor cells.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Specifically expressed in fetal and adult brain, lung tissue, stomach, and in lesser quantities in the kidney, pituitary and adrenals.,
<b>Subcellular Location :</b>	Cell membrane; Multi-pass membrane protein.
<b>Expression :</b>	Specifically expressed in fetal and adult brain, lung tissue, stomach, and in lesser quantities in the kidney, pituitary and adrenals.

## Products Images





Western blot analysis of the lysates from HepG2 cells using SSTR4 antibody.